

Board of Directors Meeting Minutes

Date of meeting: August 6, 2025

Notice of this meeting was emailed by Chris Davis on Tuesday, July 29, 2025.

The meeting was called to order at 2:00 PM EDT online using TEAMS.

The following Directors were present:

Sten Linnander, President
Stephen Davis, Secretary/Treasurer
Chris Davis, Director

With 3 directors present, a quorum was declared.

The Secretary asked for additions or corrections to the Board Meeting Minutes of July 24, 2025. Hearing none, the motion was made and seconded to approve the minutes as written. The motion carried.

Meeting Summary:

1. Proposal from Michael Bokara Boccara

- Sten reported receiving a proposal from Michael Bokara Boccara for \$135,000 (approx. \$30,000/month over 4½ months) to develop imagery and integration for the Living Globes project.
- Christopher had not previously seen the proposal; Sten forwarded it during the meeting.
- Christopher noted the scope was larger than expected but the hourly rates (~\$100–\$180/hour) were reasonable.
- Sten explained the cost covered processing and combining images from three geostationary satellites (GOES, Meteosat, Himawari) into a seamless, globe-ready format with smooth transitions between images taken at different times.
- Discussion clarified that existing sources (e.g., NASA's eyes.nasa.gov) provide 2D images, whereas Boccara's work would be to merge multiple 2D datasets into a usable 3D globe format.

2. Prototype Development and Costs

- Christopher suggested a phased approach:
 1. Phase 1 – Use existing imagery (e.g., from Blueturn) on a globe for demonstration/prototype purposes.
 2. Phase 2 – Higher-resolution integration from multiple satellites.
 3. Phase 3 – Full-resolution, near-real-time 3D globe imagery.

- This phased approach could allow for early fundraising and demonstration without committing the full \$135,000 upfront.
 - Sten noted resolution and timeliness issues with Blueturn imagery, stressing the importance of eventual live (or near-live) high-resolution feeds.
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3. Coordination with YuChip (China)

- Stephen is in contact with Amanda at YuChip regarding their digital globe hardware.
 - Proposal: Request Michael Boccara to work with Amanda to determine correct video/data formats for testing on a YuChip globe.
 - Amanda has offered to place provided content on a YuChip globe, record it, and send back video for review.
 - Sten expressed caution about relying solely on videos to judge resolution; an in-person review would be preferable.
 - Discussion on the possibility of Sten's contact, Michael Zan, assessing Chinese micro-LED globe quality and specifications during his travels.
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4. Technical Considerations – Micro-LED Globes

- Sten is seeking high-resolution micro-LED globes (target pixel pitch of ~0.1 mm).
 - Concern raised about avoiding costly in-house development—Chinese manufacturers may already be producing suitable products.
 - Sten awaiting feedback from Michael Zan on available models and costs.
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5. Non-Profit vs. For-Profit Structure

- Background: Some advisors questioned why LGS is a non-profit. Sten originally envisioned a for-profit model but shifted to non-profit based on advice from Mike Raley.
 - Stephen noted that if micro-LED development is outsourced, large capital investments may be avoided—supporting continued non-profit status.
 - Sten supports exploring a hybrid model:
 - For-profit arm for production and sales.
 - Non-profit arm for outreach, education, and sponsored placements in schools and public spaces.
 - Decision deferred: Sten will reflect on this during his upcoming retreat (Aug. 16–23) and review six prepared questions from Stephen.
 - Chris explained VC funding expectations: typically doubling investment in three years (~20% annual return), and how that might influence globe pricing.
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6. Action Items

Stephen – Email Michael Boccara to:

- Request collaboration with Amanda at YuChip to confirm technical formats for displaying imagery on YuChip globes.

- Ask about copyright/usage rights for Blueturn imagery.
- Inquire whether non-profit status affects access to satellite imagery.

Sten – Continue attempts to reach Michael Zan for micro-LED globe availability and pricing details from Chinese suppliers.

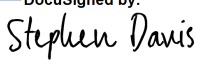
Chris – Consider consumer profile impacts if LGS operated as a for-profit; provide input/questions for Sten's retreat.

Stephen & Chris – Send Sten any additional questions for the retreat before or during Aug. 16–23.

The meeting was adjourned at 3:00PM.

The next meeting was set for September 3, 2025.

Respectfully submitted,

DocuSigned by:

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Stephen Davis, Secretary

Date __August 8, 2025__